

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Scheduled Inspection

N613853667

FACILITY: Breitburn Operating LP - Saturday Night Live		SRN / ID: N6138
LOCATION: NE4 SW4 T29N R6W SEC 4, MANCELONA TWP		DISTRICT: Gaylord
CITY: MANCELONA TWP		COUNTY: ANTRIM
CONTACT:		ACTIVITY DATE: 05/20/2020
STAFF: Becky Radulski	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: scheduled inspection for fy2020		
RESOLVED COMPLAINTS:		

On May 20, 2020 AQD traveled to N6138 Breitburn Operating Saturday Night Live CPF located in Mancelona Township, Antrim County for a scheduled inspection to determine compliance with PTI 696-96A. This is an opt-out source.

LOCATION

The Saturday Night Live CPF is located in Section 4 (T29N R6W) of Mancelona Township, Antrim County. To locate the source from Alba, travel South on US131, turn west on Doerr Road, South on Satterly Lake Rd, west on Lee Deerer Rd. Facility is on the south side. A map is attached to the inside of the permit file.

REGULATORY DISCUSSION

PTI 696-96A was issued June 5, 2005 and is currently active. The permit is for 2 engines and a glycol dehydrator. The permitted engines in 2005 were a Caterpillar 3516 (EUENGINE 1) and a Waukesha L7042 (EUENGINE 2) rich burn engine with control. In December 2012 DEQ was notified that Breitburn was replacing the Waukesha with a Caterpillar 3516, a lower-emitting engine. In June 2014 Breitburn notified DEQ that the EUENGINE 2 Caterpillar 3516 was being replaced by a Caterpillar 3516, an equivalent emitting engine. Both engine change outs were allowed per SC 2.6.

The engines are subject to 40 CFR Part 63, Subpart ZZZZ, which has not been delegated to MDEQ from EPA. The facility noted on the records that they are in compliance with Subpart ZZZZ regulations

The glycol dehydrator is subject to 40 CFR Part 63, HH, which also has not been delegated to MDEQ from EPA. The facility noted on their records that they are in compliance with Subpart HH regulations.

INSPECTION NOTES

The facility has a gate, which was open during the inspection. There was a Breitburn operator onsite.

The facility consists of 2 large compressor buildings, 2 iron sponges to remove hydrogen sulfide from the plant inlet, a glycol dehydrator, and a lined tank storage area with two 400 barrel tanks and one tank approximately 300 barrel. There is a red-yellow-green light warning system on the north building. The light was green during the inspection.

The NORTH - WHITE building contains a Caterpillar 3516 engine and compressor. A dehy is located along the west wall. On the exterior west wall were 2 small tanks, approximately 100

gallons each, in containment. A clipboard was located inside the building with daily recordings of engine parameters. The exhaust stack emits to the south side of the building with a muffler. Based on visual estimate, the stack appears to meet the stack dimensions as required in the permit.

The unit was operating as follows:

Engine RPM	1157
engine oil pressure	58 psi

The SOUTH - GREEN building contains a Caterpillar 3516 and several storage tanks - 1 used oil, 2 with engine oils, and 1 hydraulic oil. A clipboard was located inside the building with daily recordings of engine parameters. The exhaust stack emits to the south side of the building with a muffler. Based on visual estimate, the stack appears to meet the stack dimensions as required in the permit.

The unit was operating as follows:

Engine RPM	1150
engine oil pressure	58 psi

Both engines were operating. No VE or odor from either compressor engine stack. Minimal odor from glycol dehydrator exhaust steam.

MAERS

MAERS has been reviewed, no issues. see MAERS for details.

COMPLIANCE DETERMINATION

Based on the scheduled inspection, the facility appears to be in compliance with PTI 696-96A. Records were reviewed separately.

Becky Radulski Digitally signed by Becky Radulski
Date: 2020.06.05 09:28:21 -04'00'
NAME _____

DATE _____

Shane Nixon Digitally signed by Shane Nixon
Date: 2020.06.05 09:29:14 -04'00'
SUPERVISOR _____